

FIG. 1

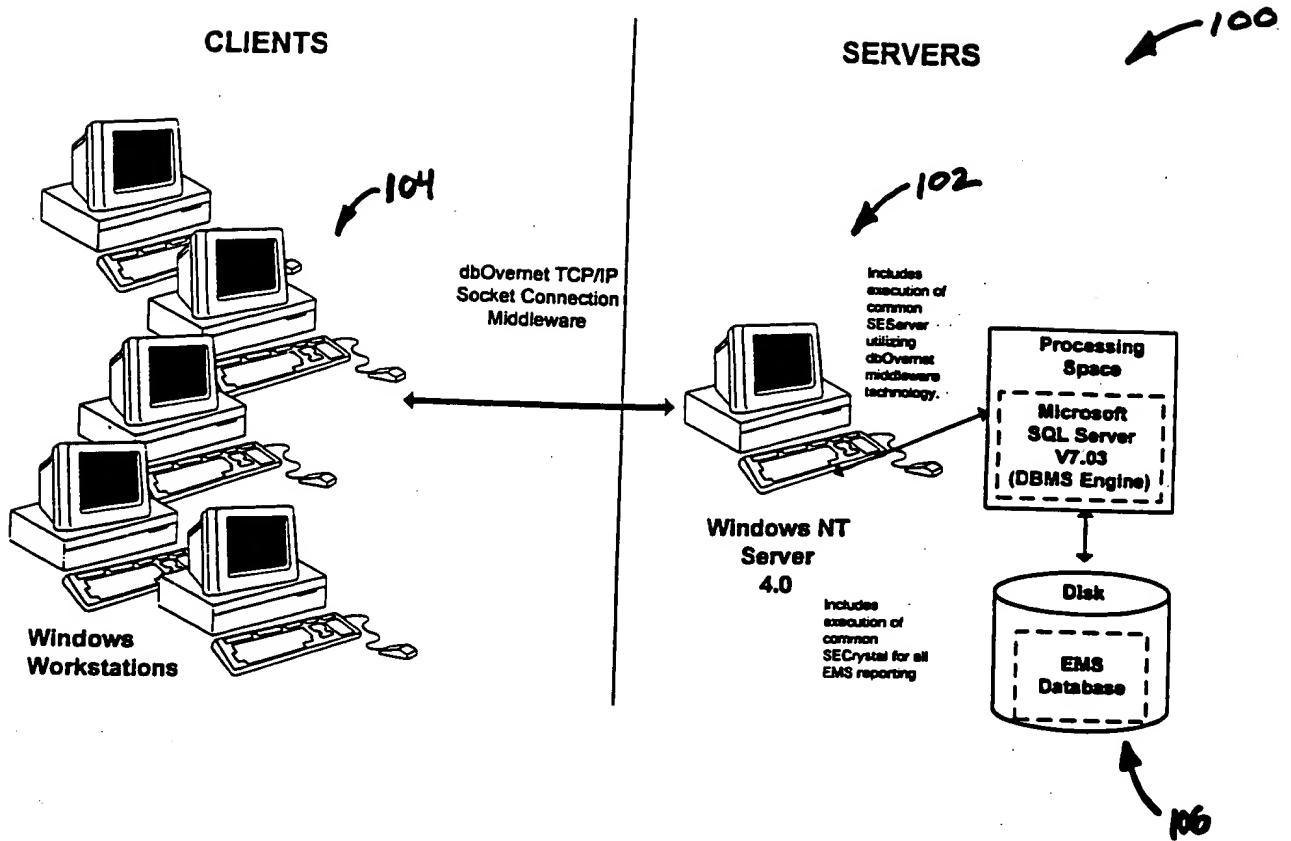


FIG. 2

Companies Subject Area (ERD)

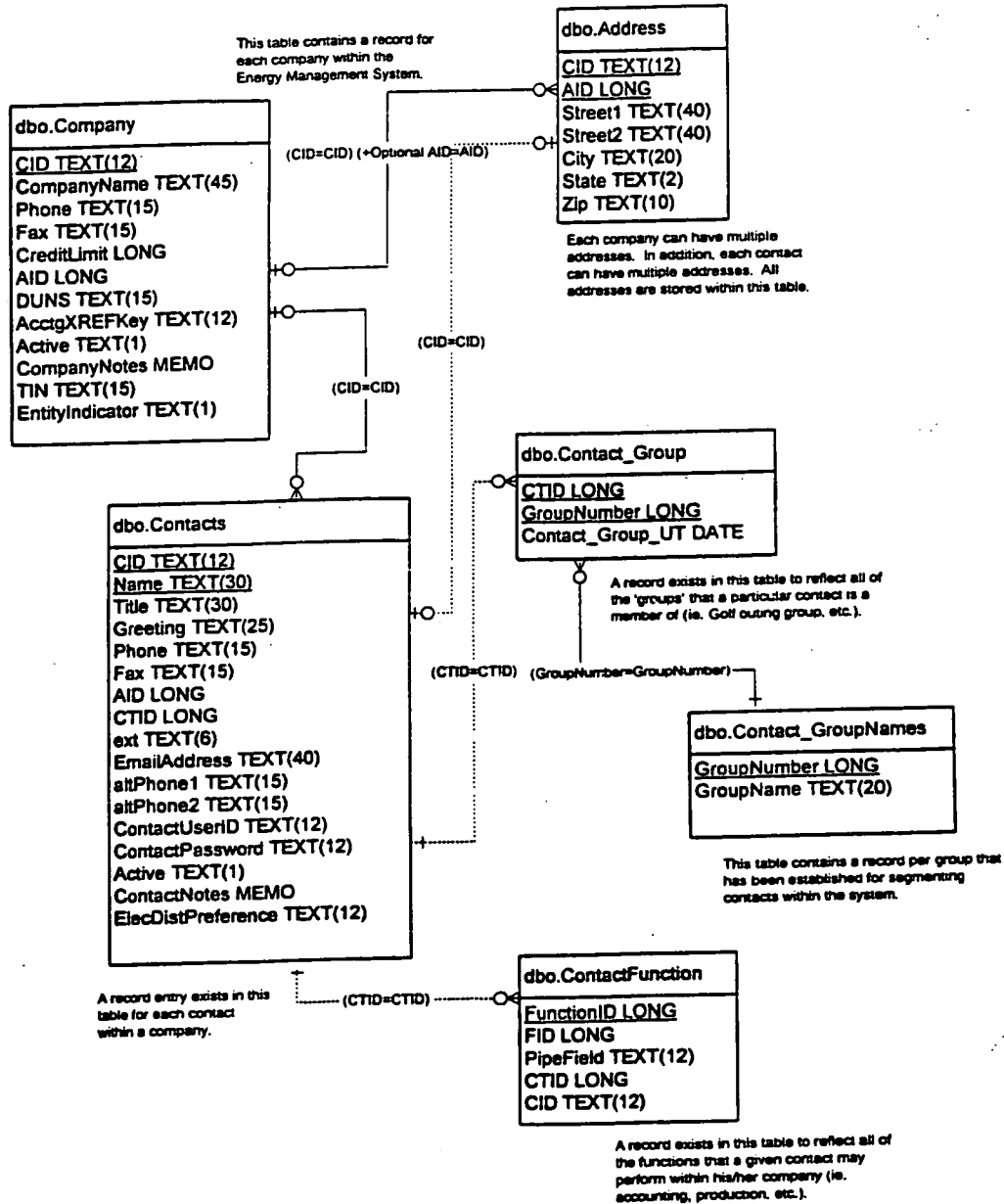


FIG. 3A

Contracts Subject Area (ERD)

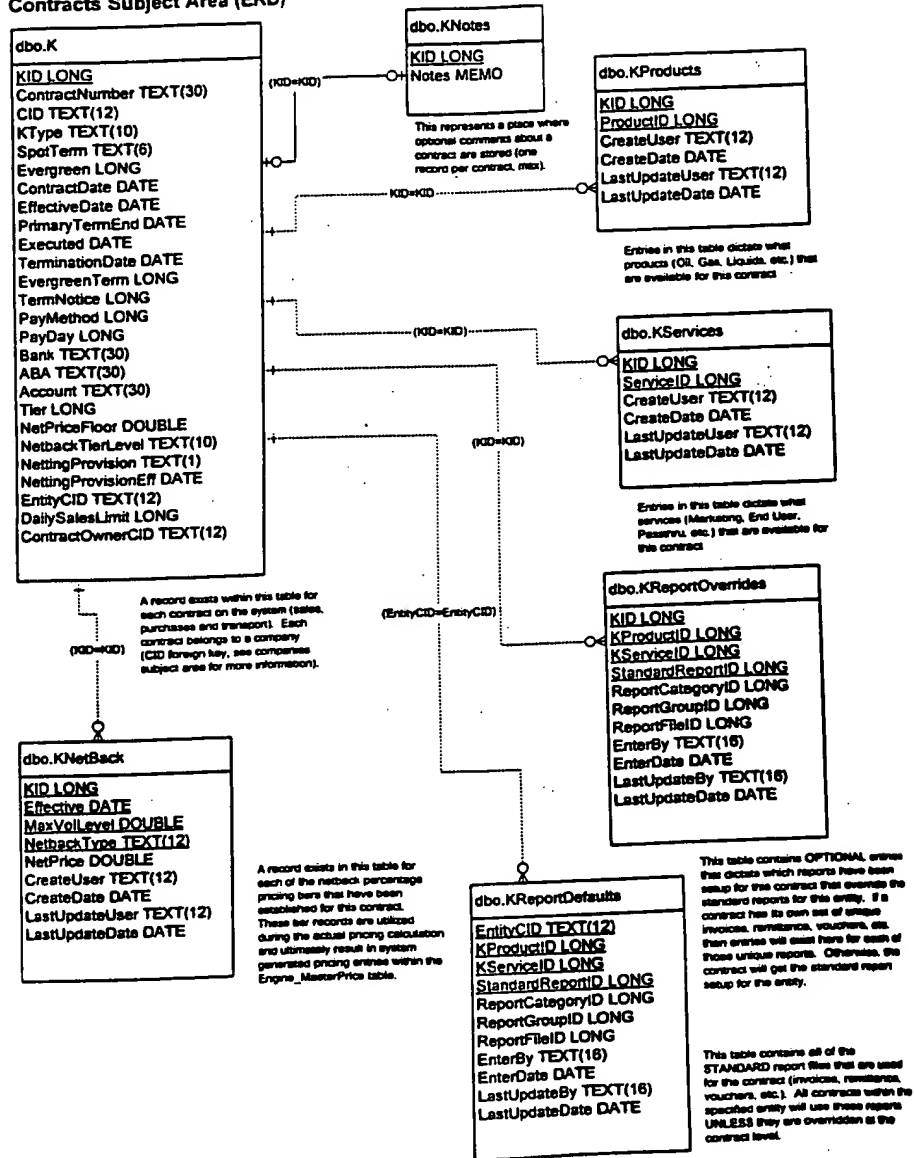


FIG. 3B

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Deals Subject Area (ERD) (1 of 2)

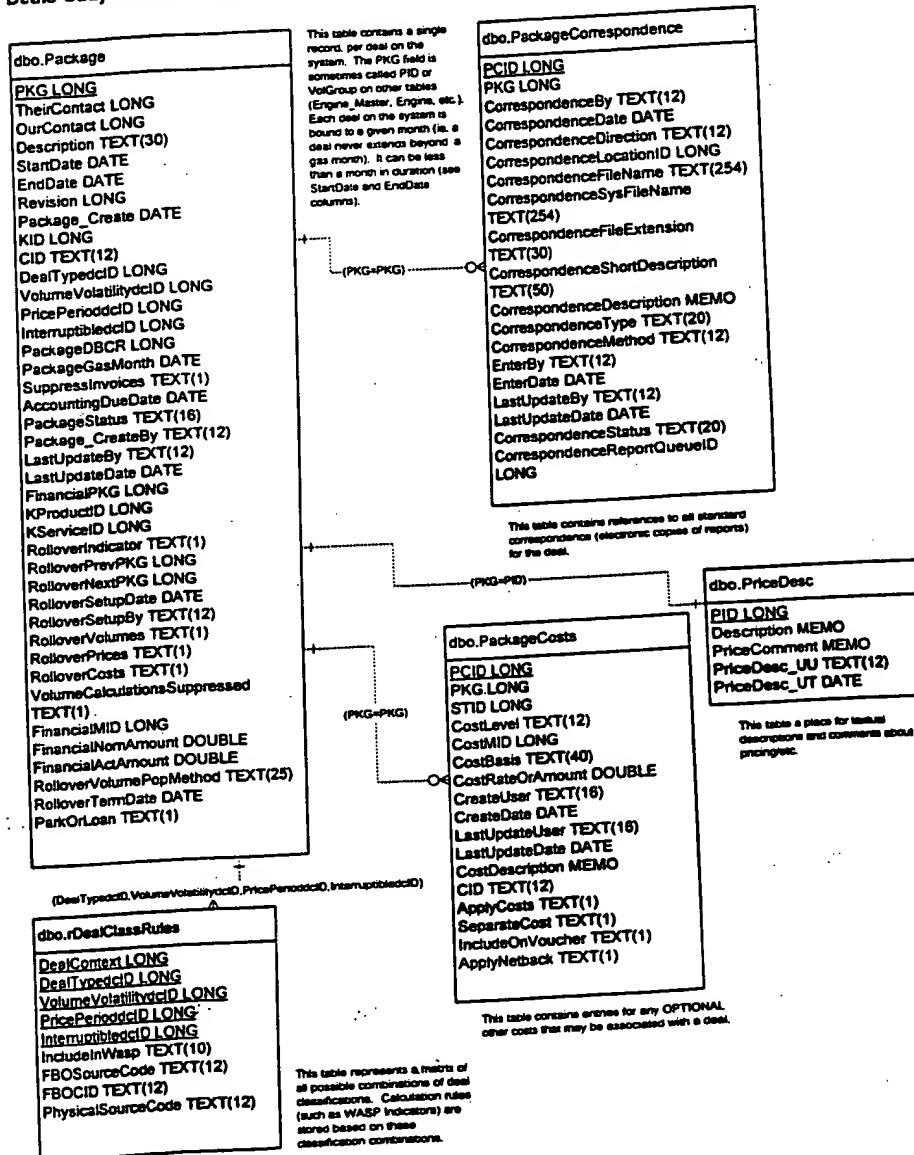


FIG. 3C

Deals Subject Area (ERD) (2 of 2)

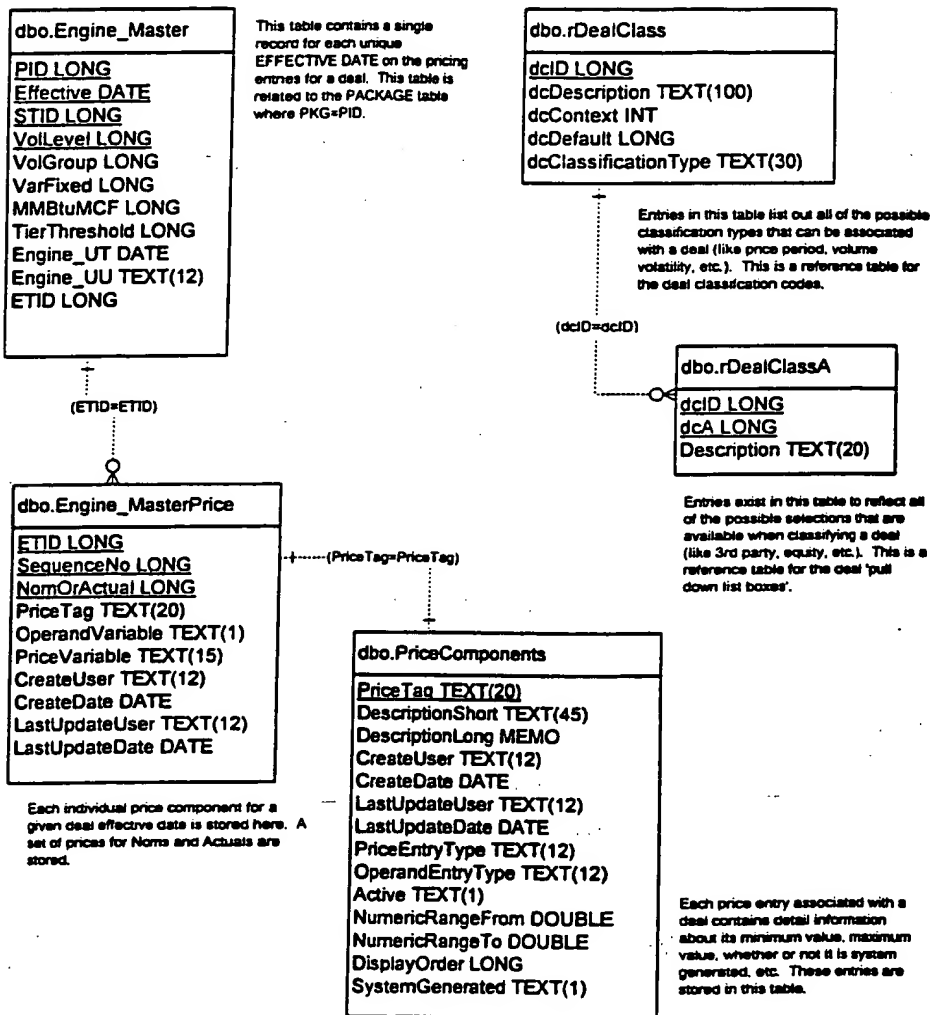


FIG. 3D

Gas Inventory Subject Area (ERD) (1 of 2)

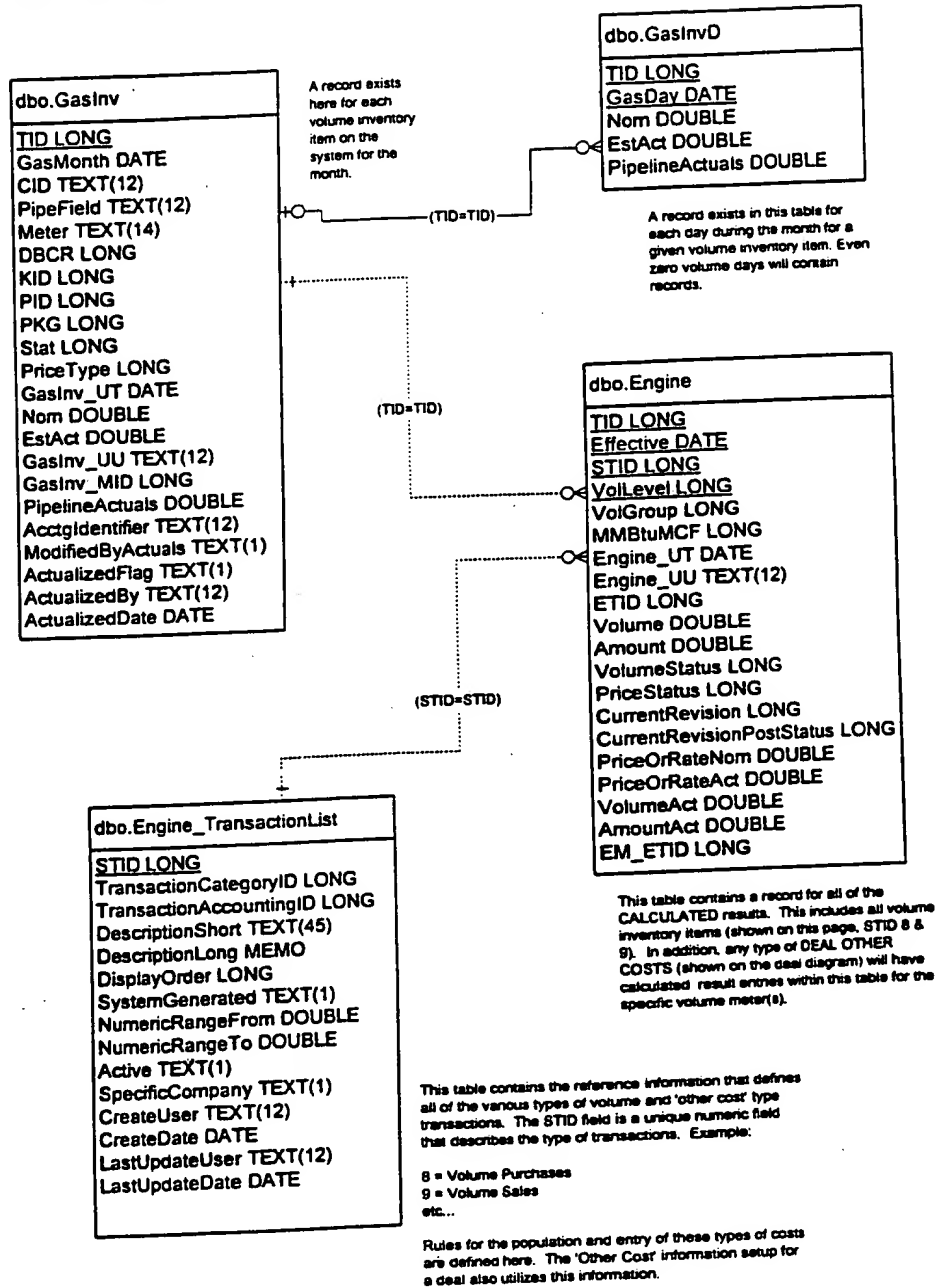


FIG. 3E

Gas Inventory Subject Area (ERD) (2 of 2)

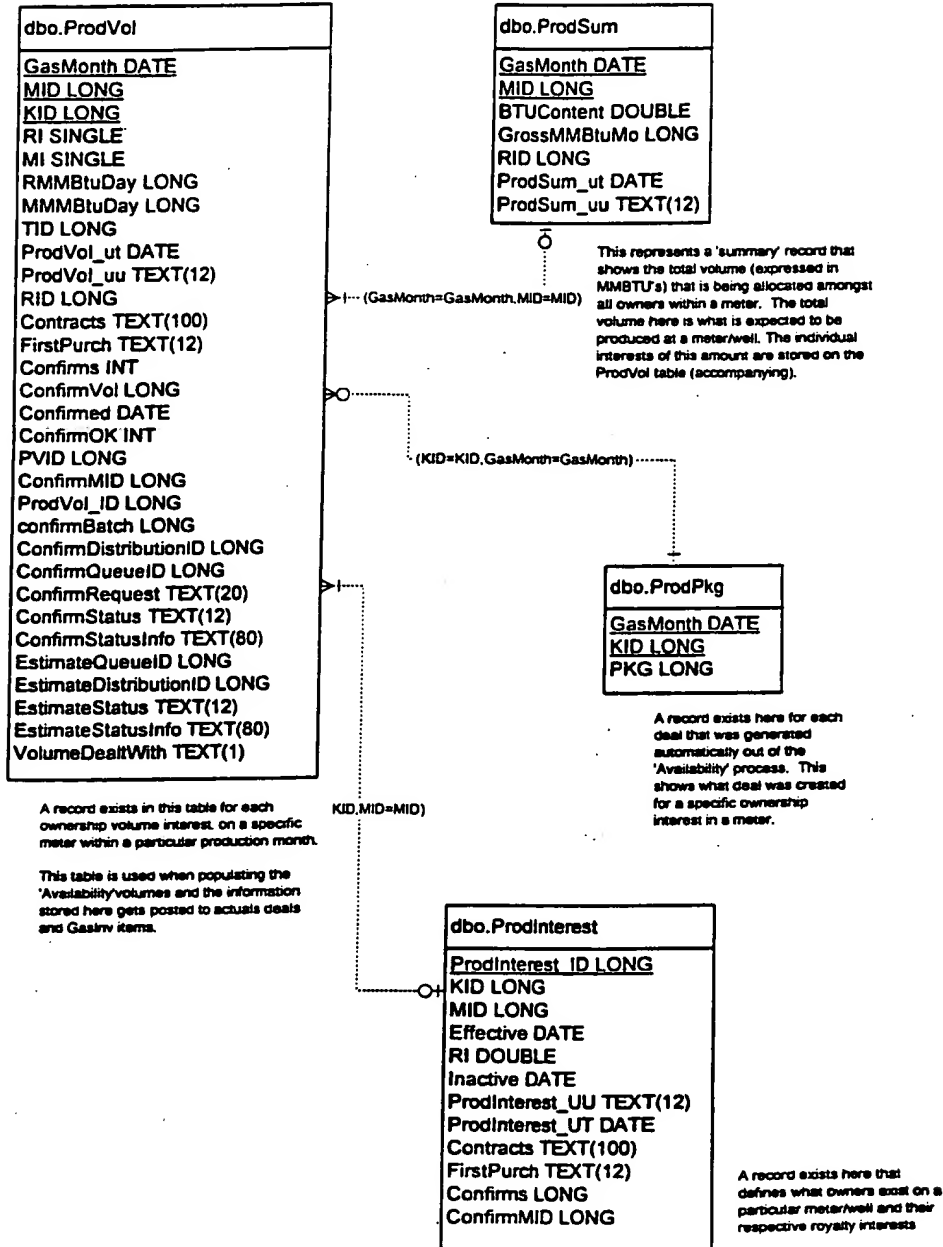


FIG. 3F

Operational Subject Area - 1 f4 (ERD)

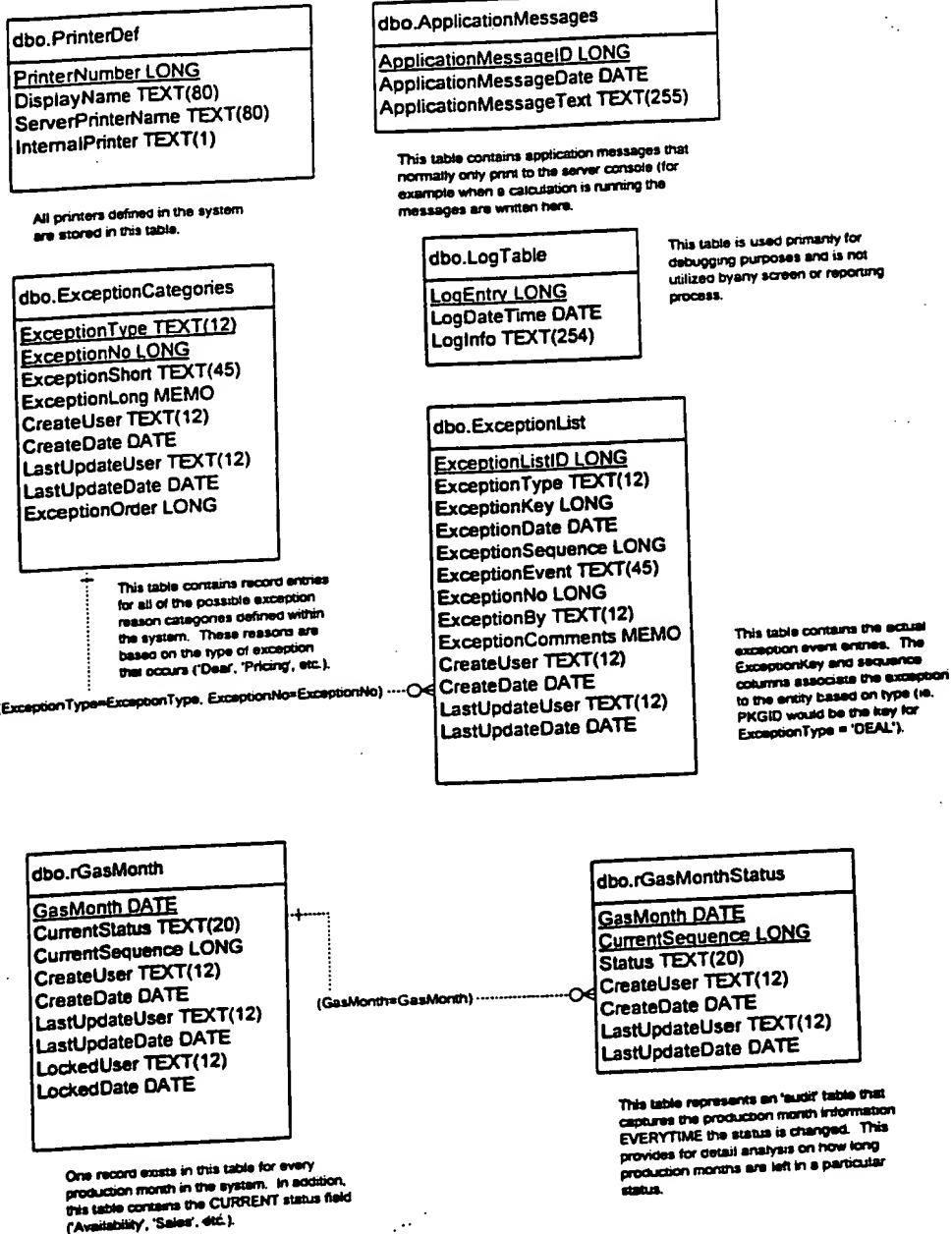


FIG. 3G

Operational Subject Area – 2 of 4 (ERD)

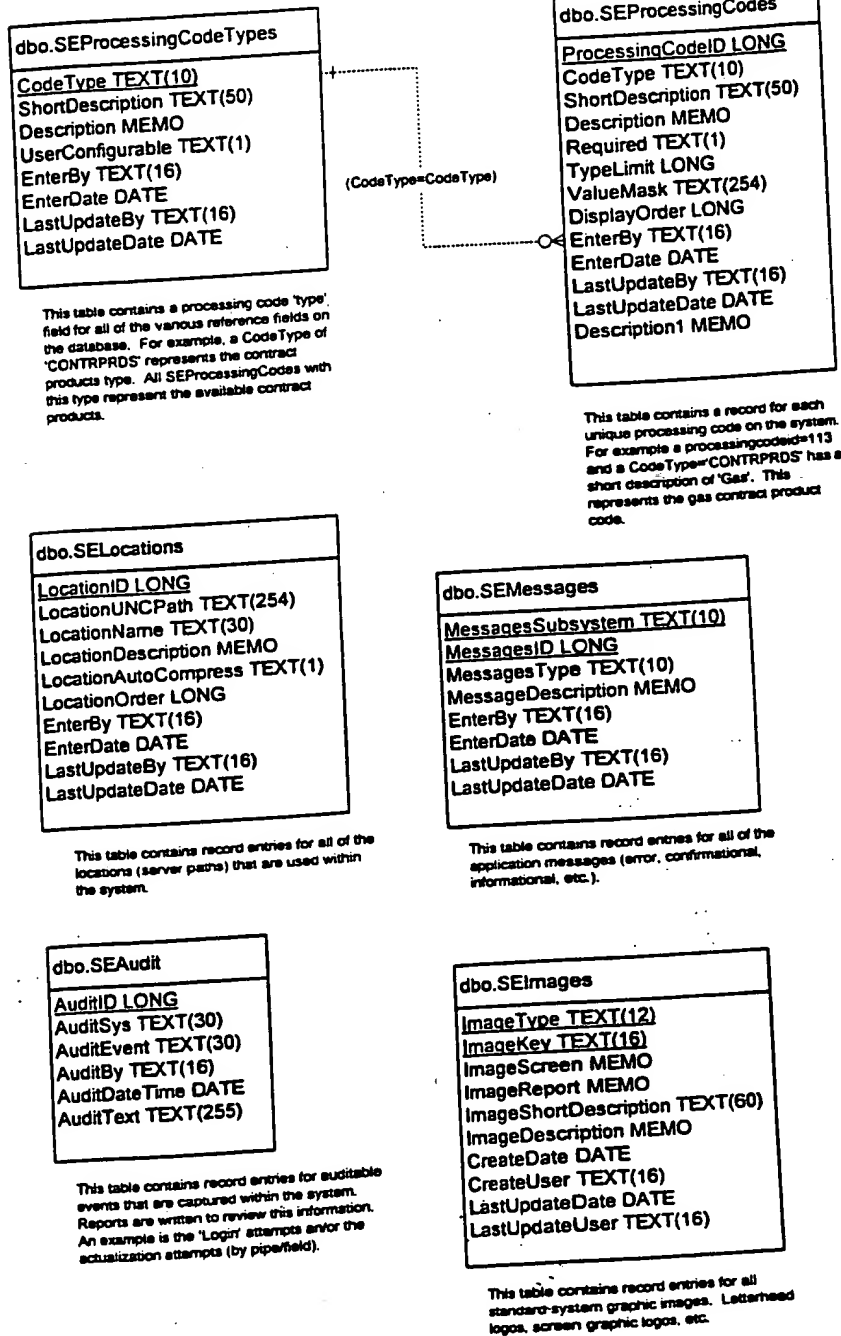


FIG. 3H

Operational Subject Area – 3 of 4 (ERD)

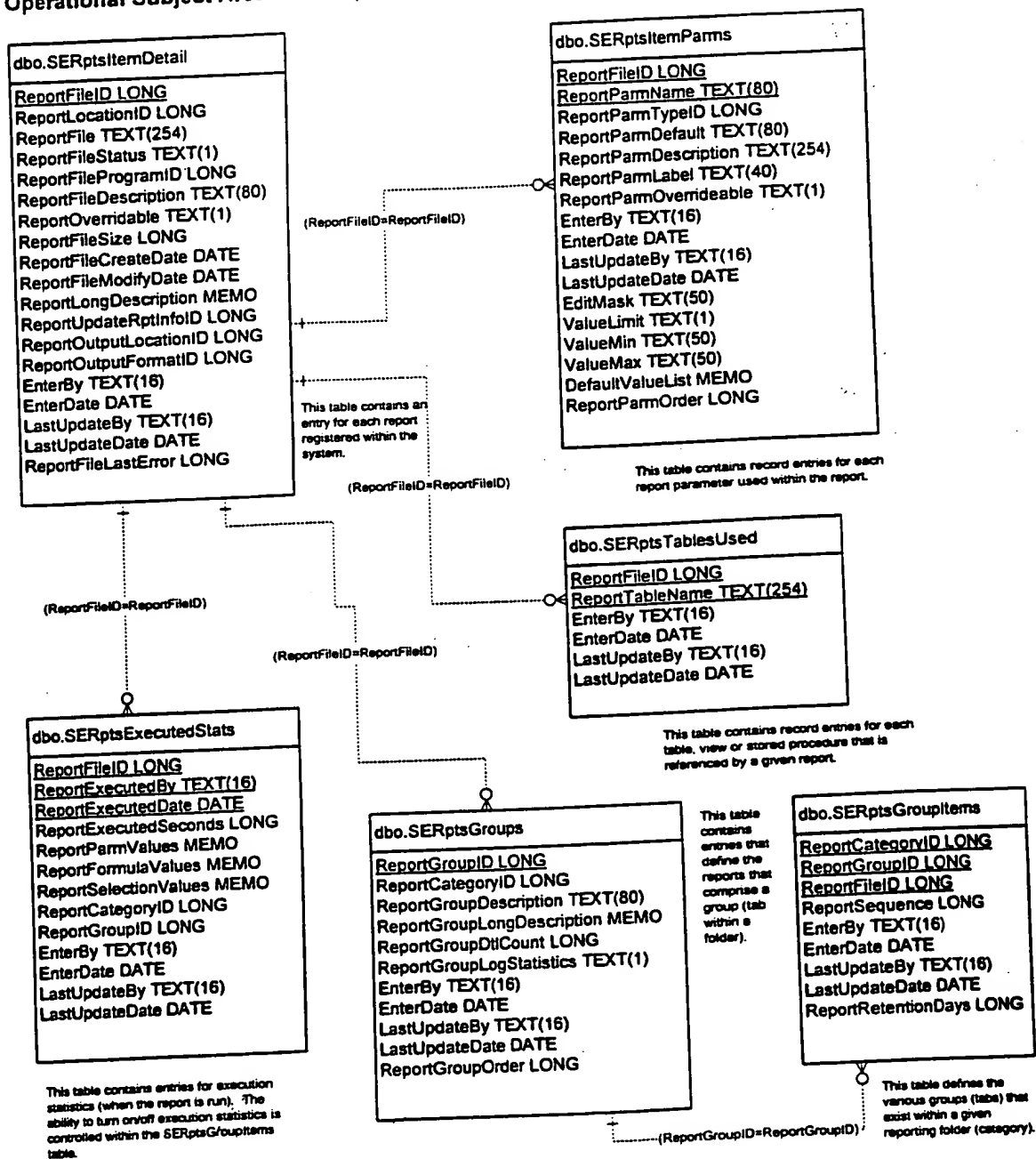


FIG. 3I

FIG. 3J

Pipes & Meters Subject Area (ERD)

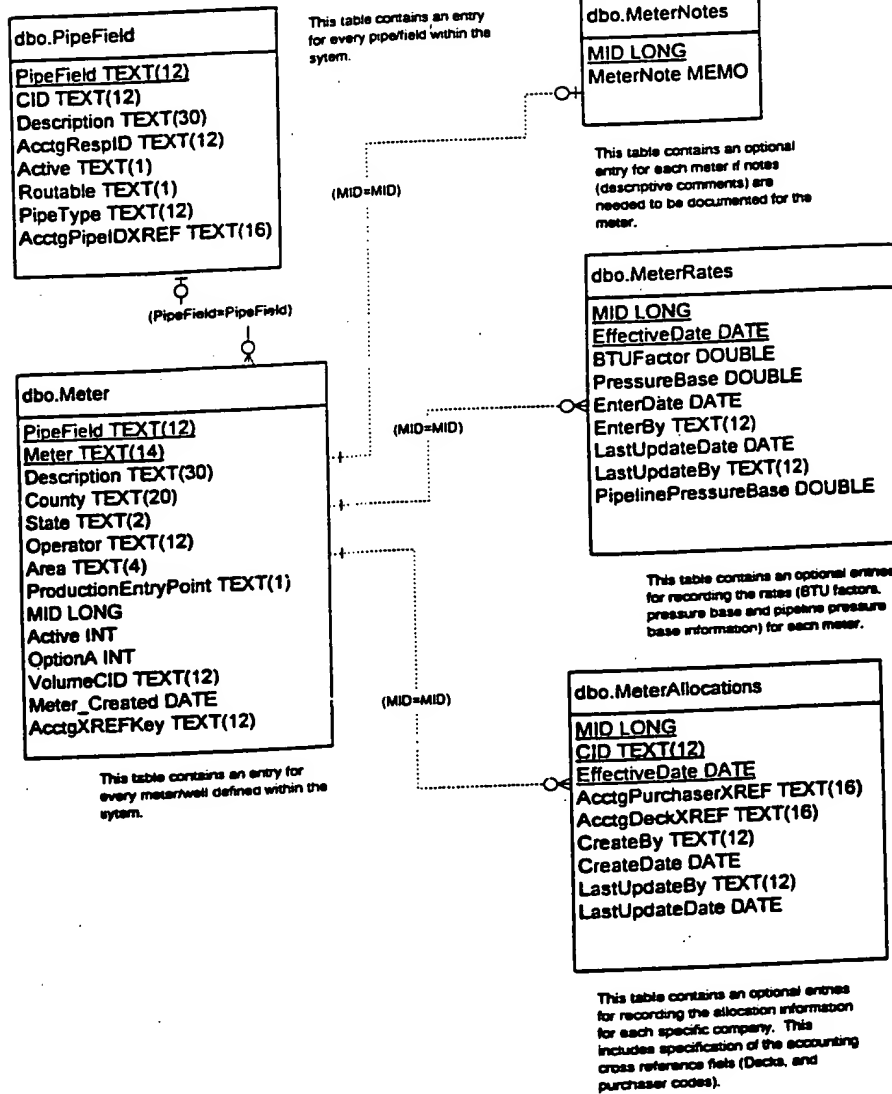


FIG. 3K

Pricing Subject Area (ERD)

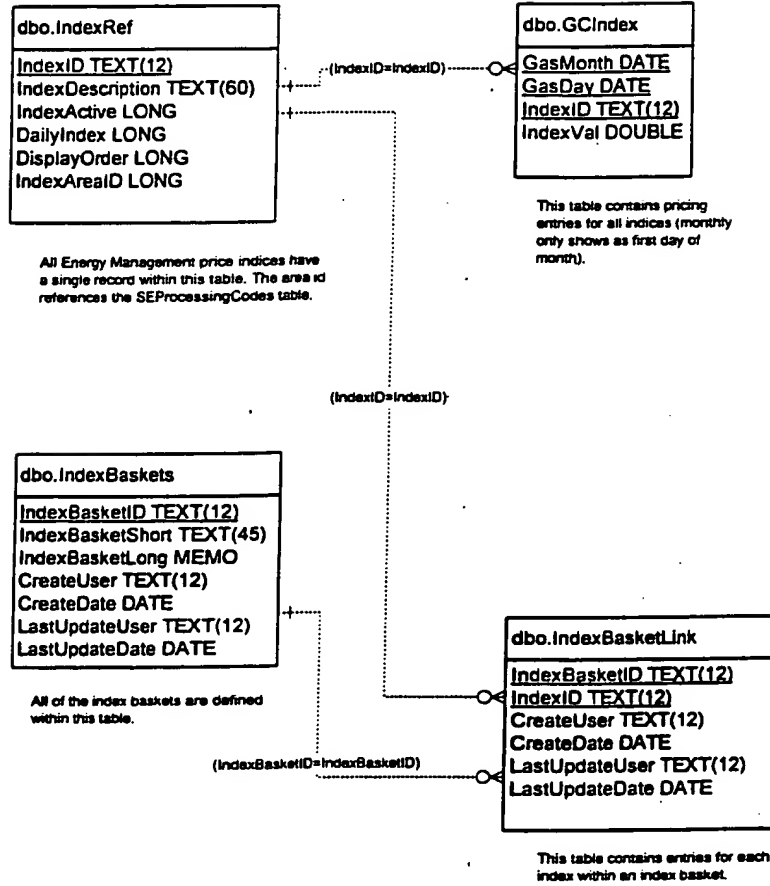


FIG. 3L

Routing Subject Area (ERD)

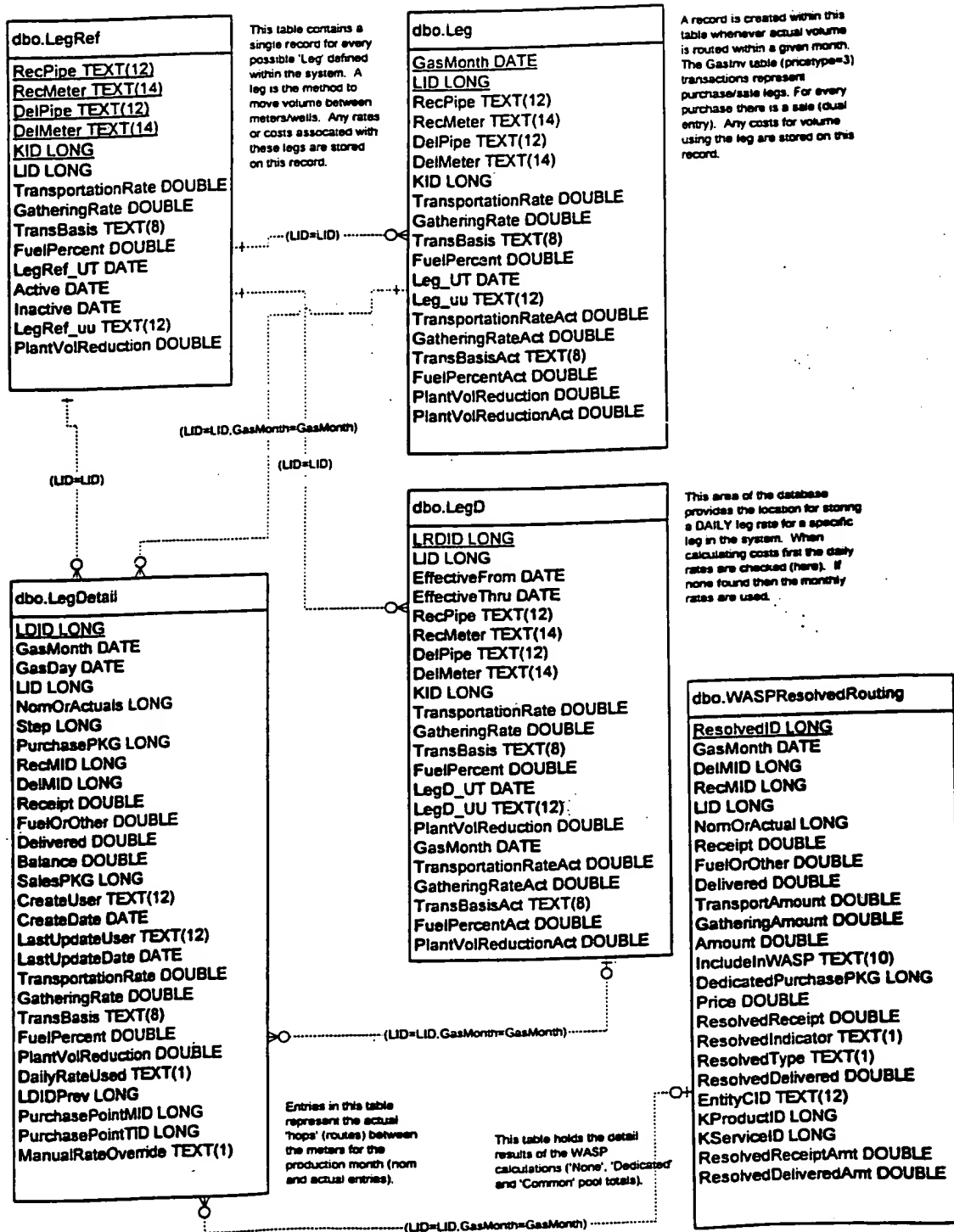


FIG. 3M

Security Subject Area (ERD)

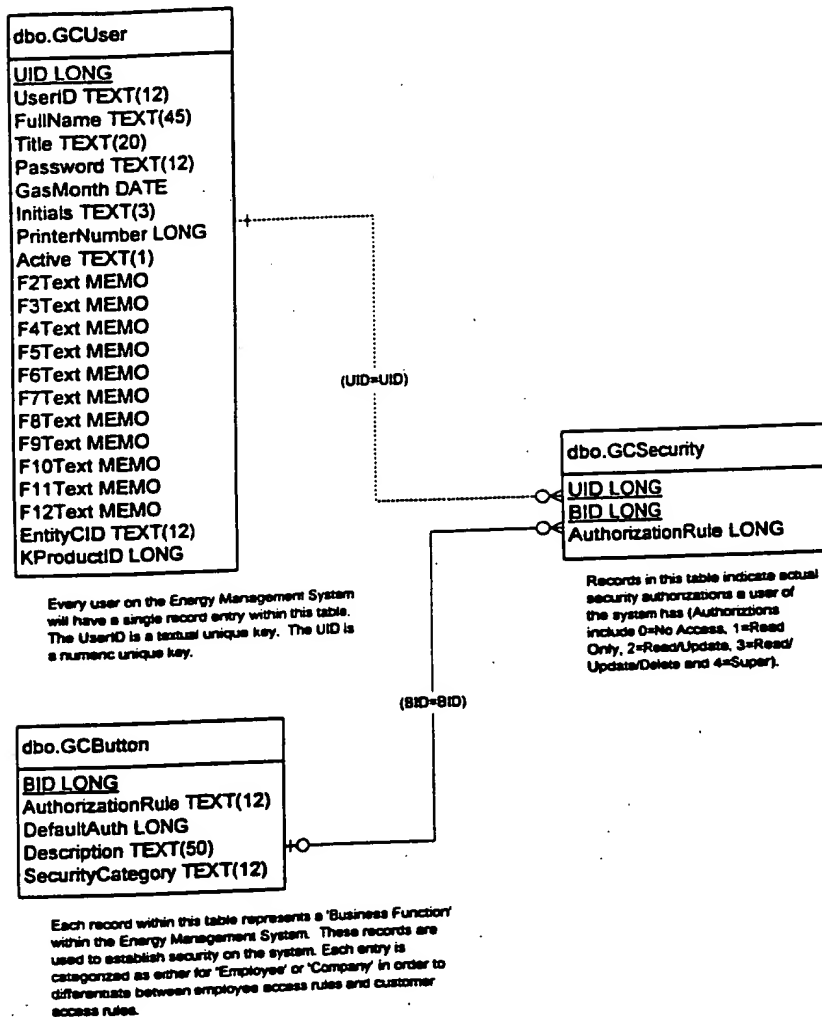


FIG. 3N

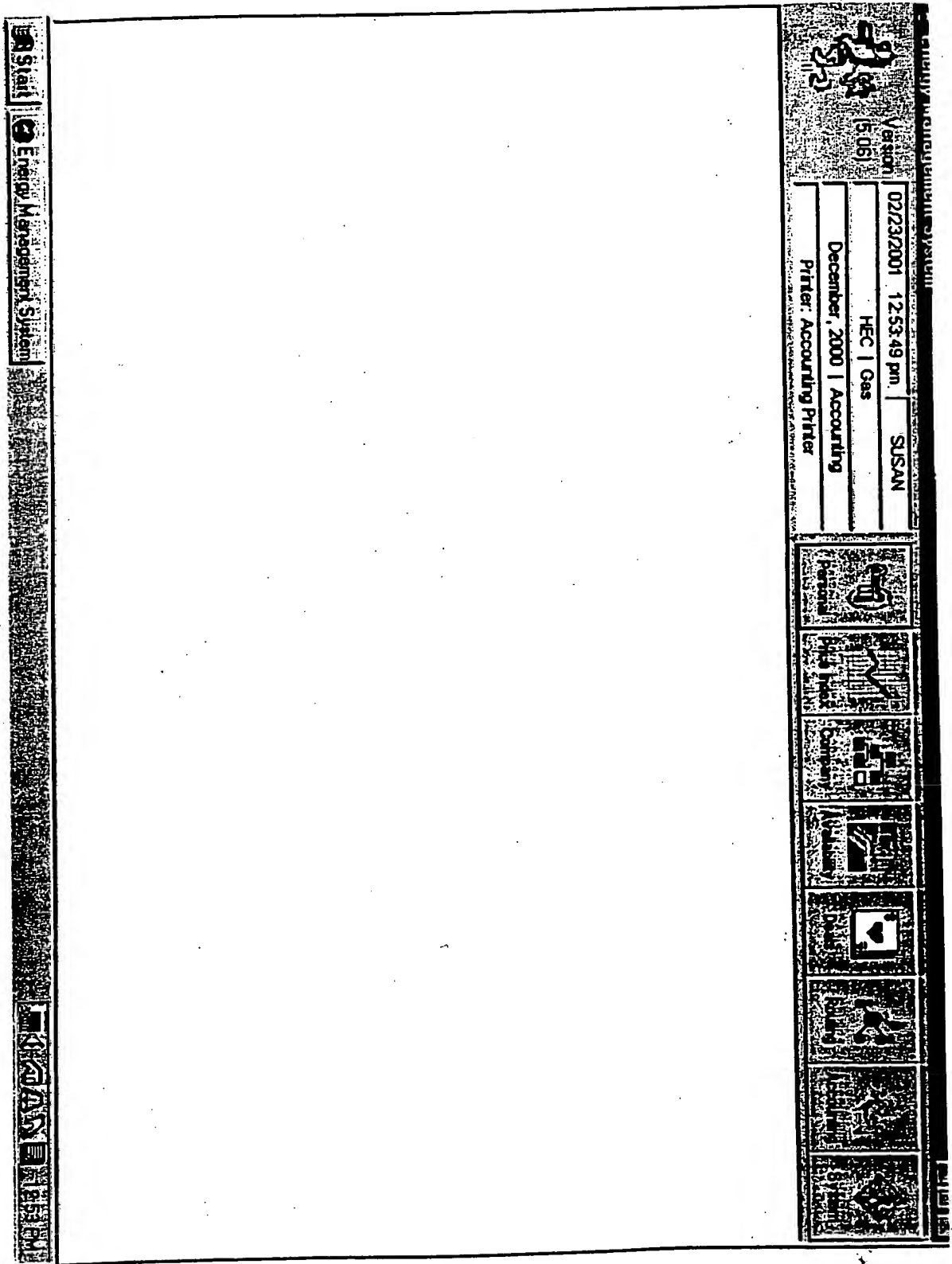


FIG. 4A

09895011.123101

Energy Management System

Version: 5.06

02/23/2001 12:54:37 pm SUSAN

HEC | Gas

December, 2000 | Accounting

Printer: Accounting Printer

User Profile Detail - (Change)

General	PERSONAL	FAKES	PERSONAL	PERSONAL	PERSONAL	PERSONAL	PERSONAL	PERSONAL	PERSONAL
ID	SUSAN								
Full Name	Susan Sims								
Dr. of Client Svcs	December / 2000								
Product	Gas								
SS	Accounting Printer								
Printer Number	2448								
Internal User ID	2448								

FIG. 4B

09895011.1 123101

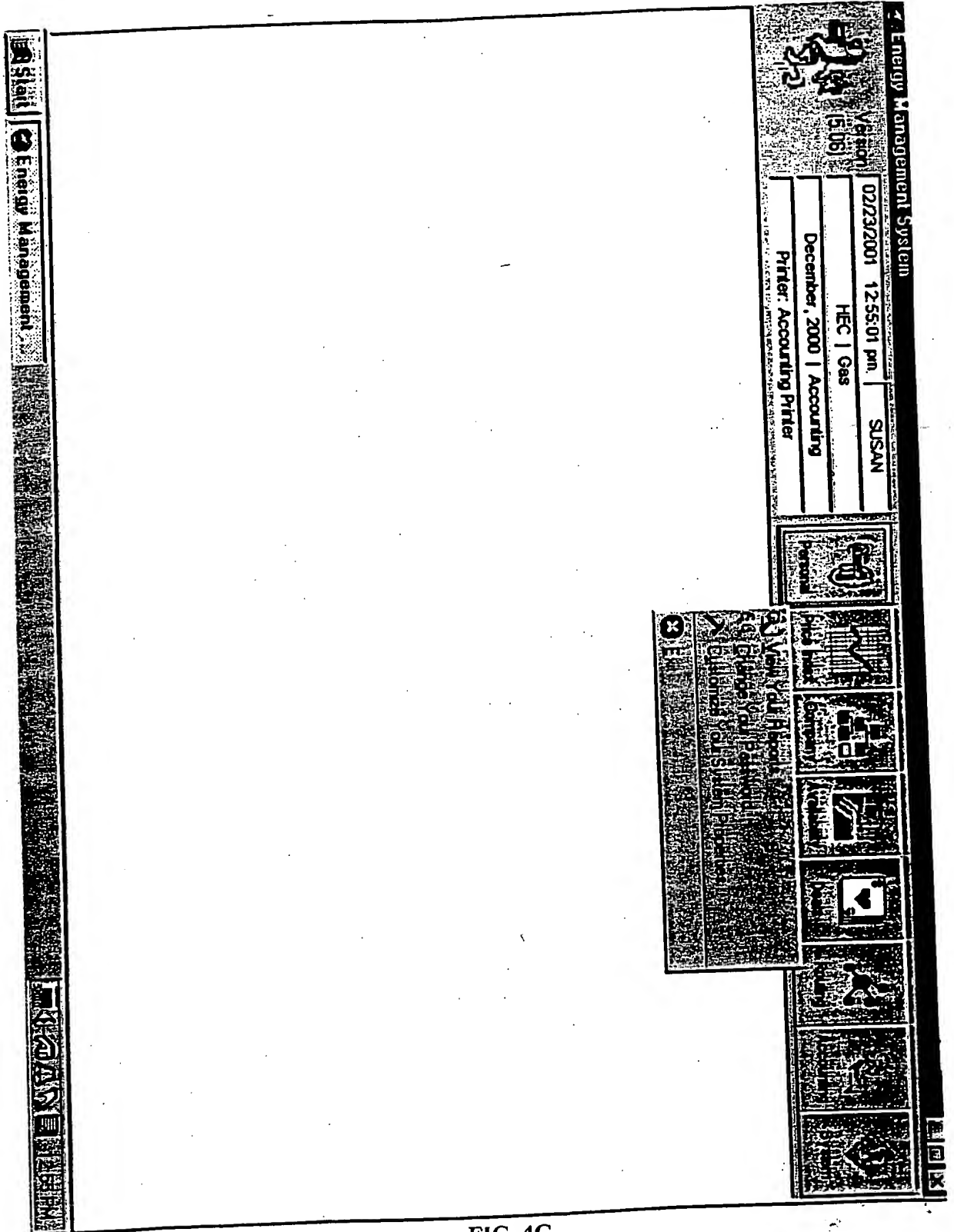


FIG. 4C

09895011.123101

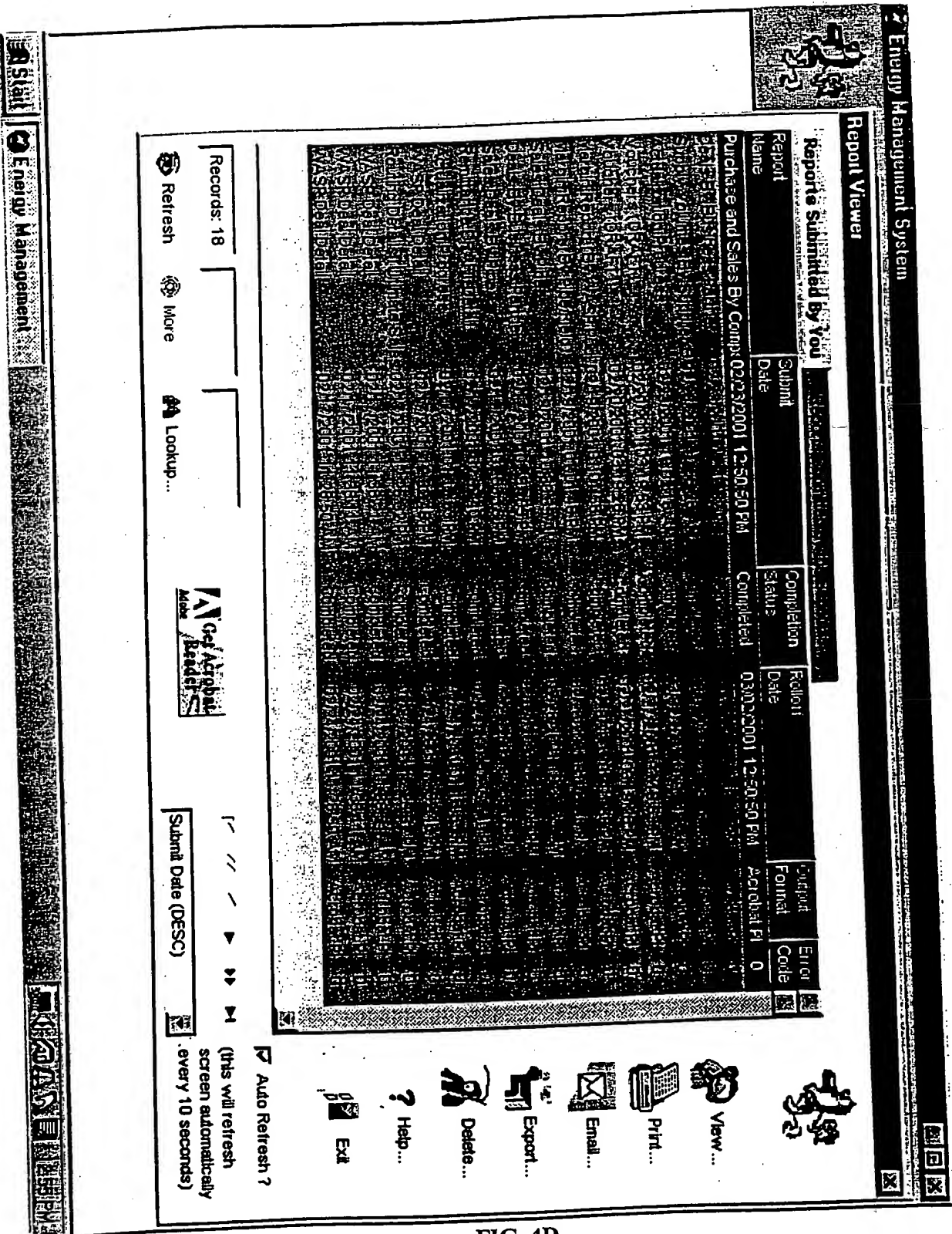


FIG. 4D



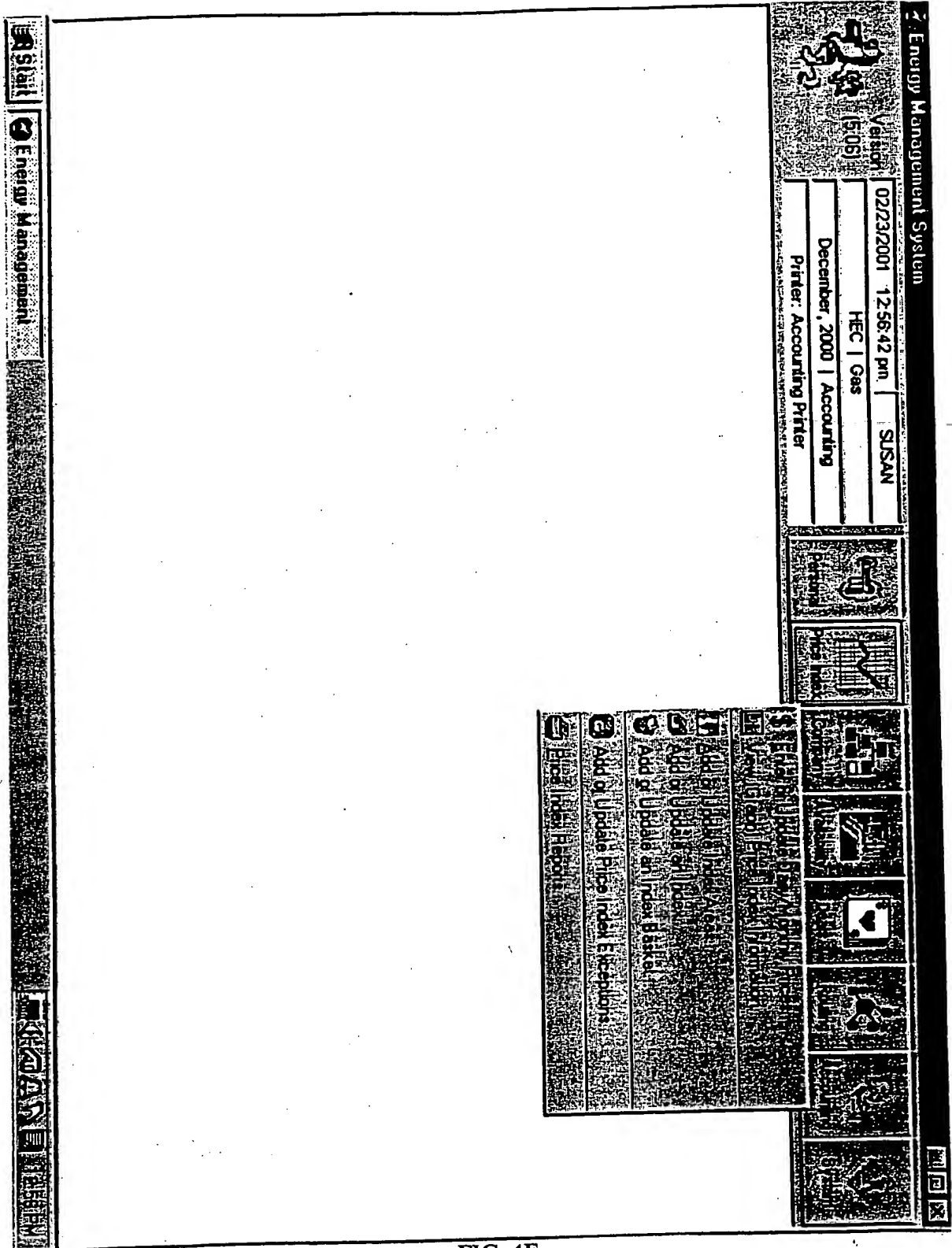


FIG. 4F

09895011.1.123101

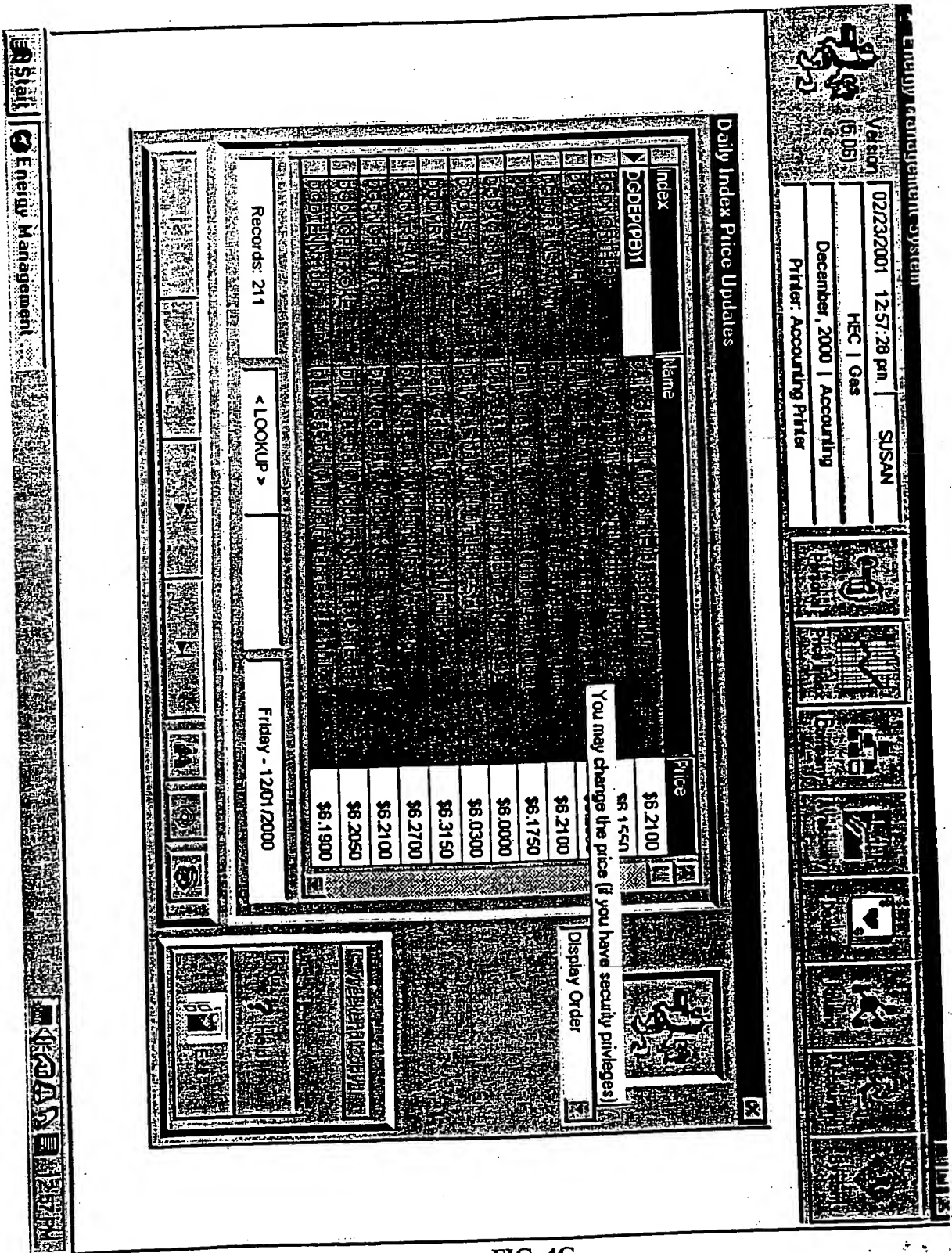


FIG. 4G

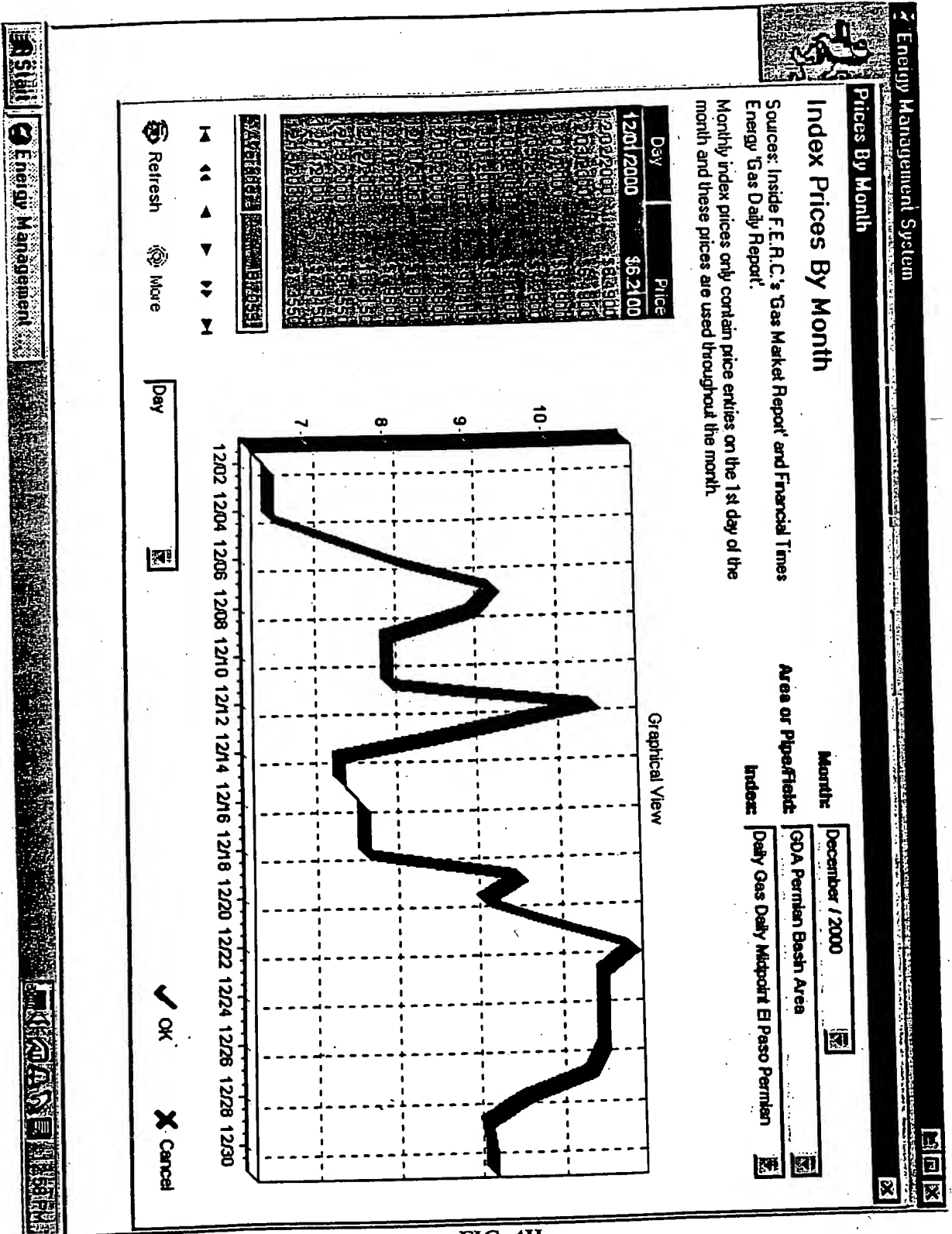


FIG. 4H

09895011.123101

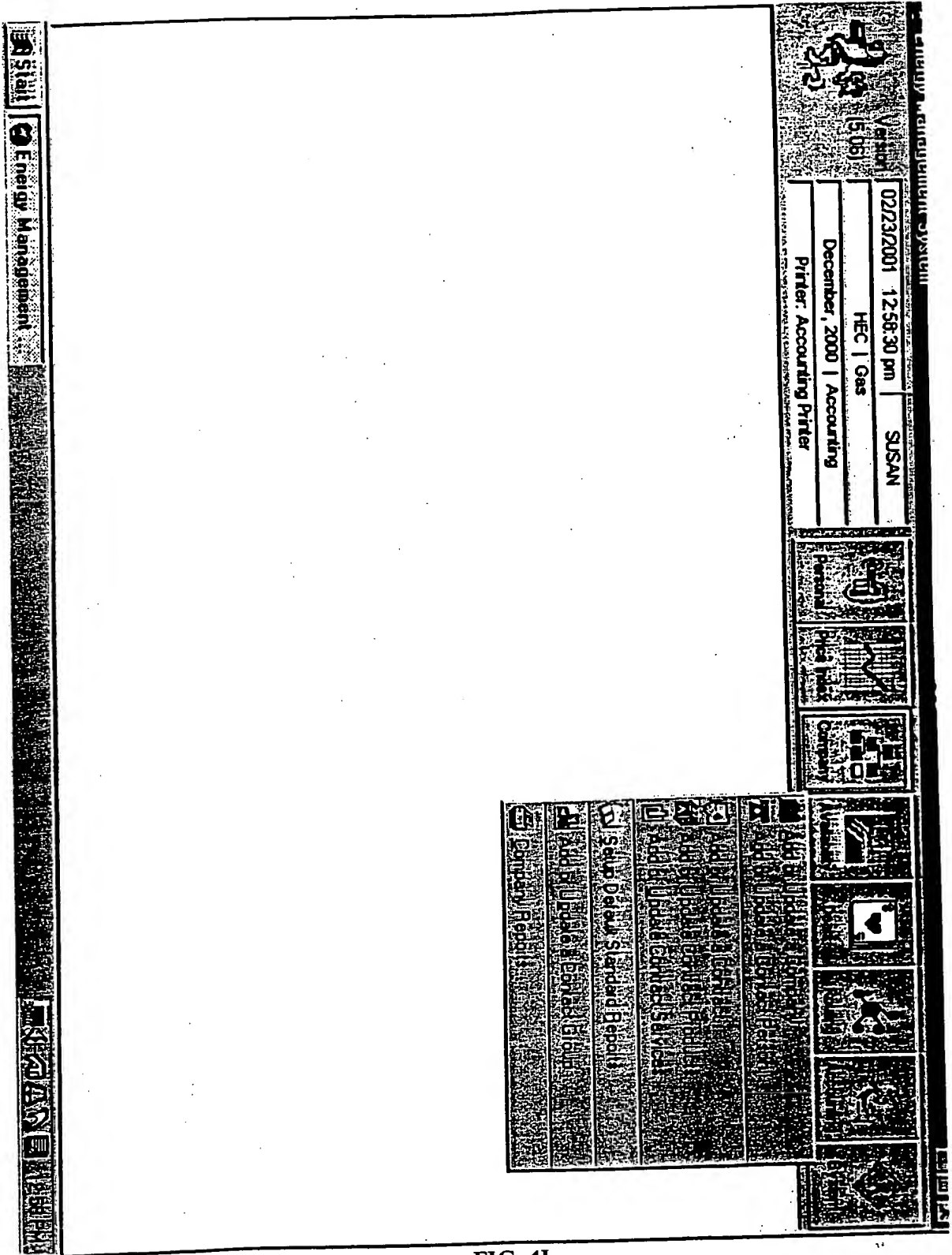


FIG. 41

09895011.123101

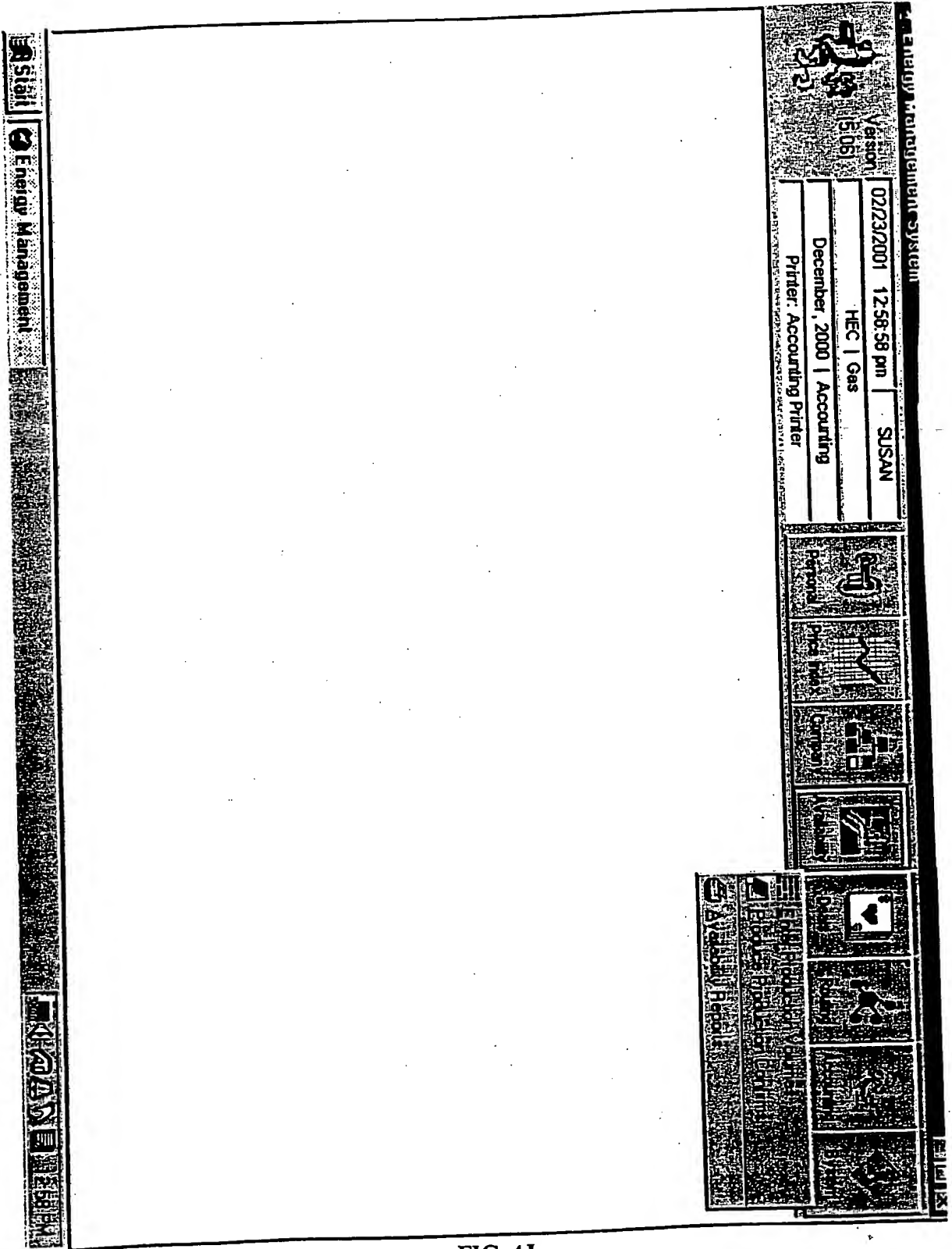


FIG. 4J

09895011.123101

FOOTPRINT F056860

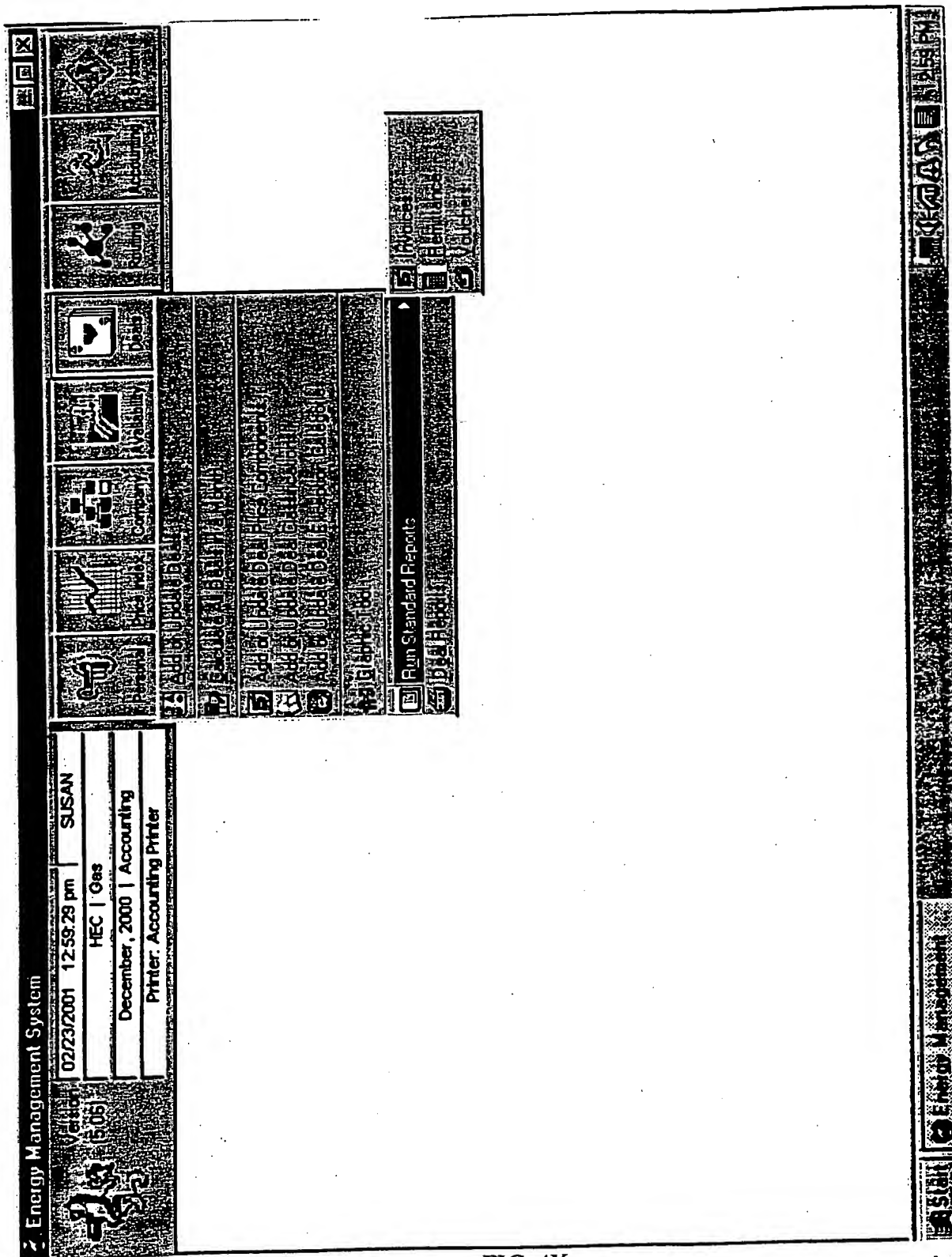


FIG. 4K

Energy Management System

Version: 02/23/2001 01:01:10 pm SUSAN
 HEC | Gas
 December, 2000 | Accounting

Deal Details - (Change)

Deal ID	66028	Product	Gas	Month	December / 2000	Marketing	12/23-31 31EC	12/23/2000	12/31/2000
Contract	31EC Energy Corporation	31EC OIL & GAS PURCHASE	Created						

Roller Rules | Correspondence | Audit Information

General | **Marketing** | Prices

Other Contact

OUT Contact

Description

Comment

3rd Party

Baseband

Spot

IT

5\$ 89- MANUAL NB .99

Leslie Vandagill, 214-954-1430
 leslie.vandagill@houstonenergy.com

Uanna Calhoun, 713-821-7107

all information relevant to this particular deal is shown on this screen. You have the option of directly changing this information dependent on status of the month.

Energy Management

FIG. 4L

09895011.123101

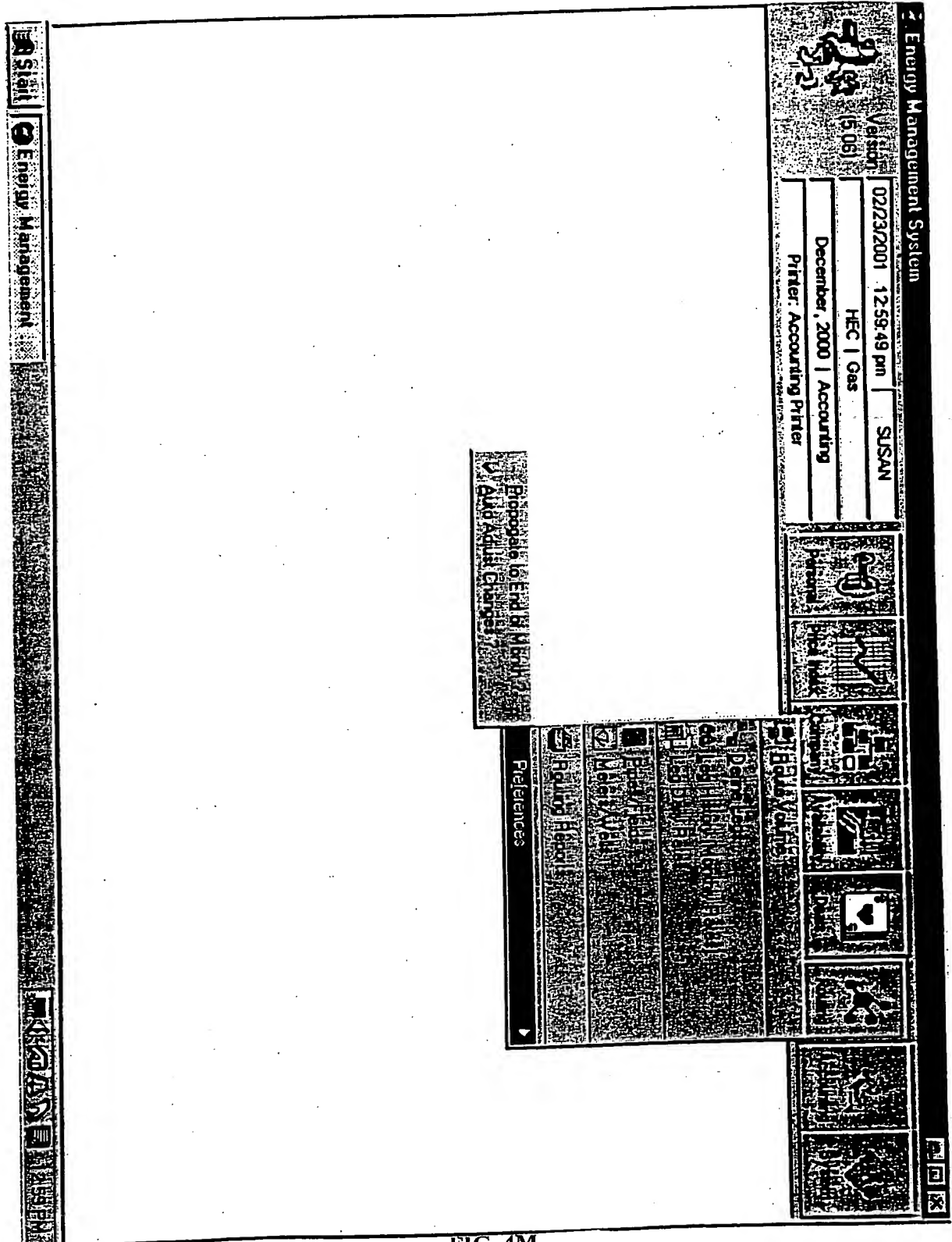


FIG. 4M

09895011.123101

FIG. 4N[illegible]

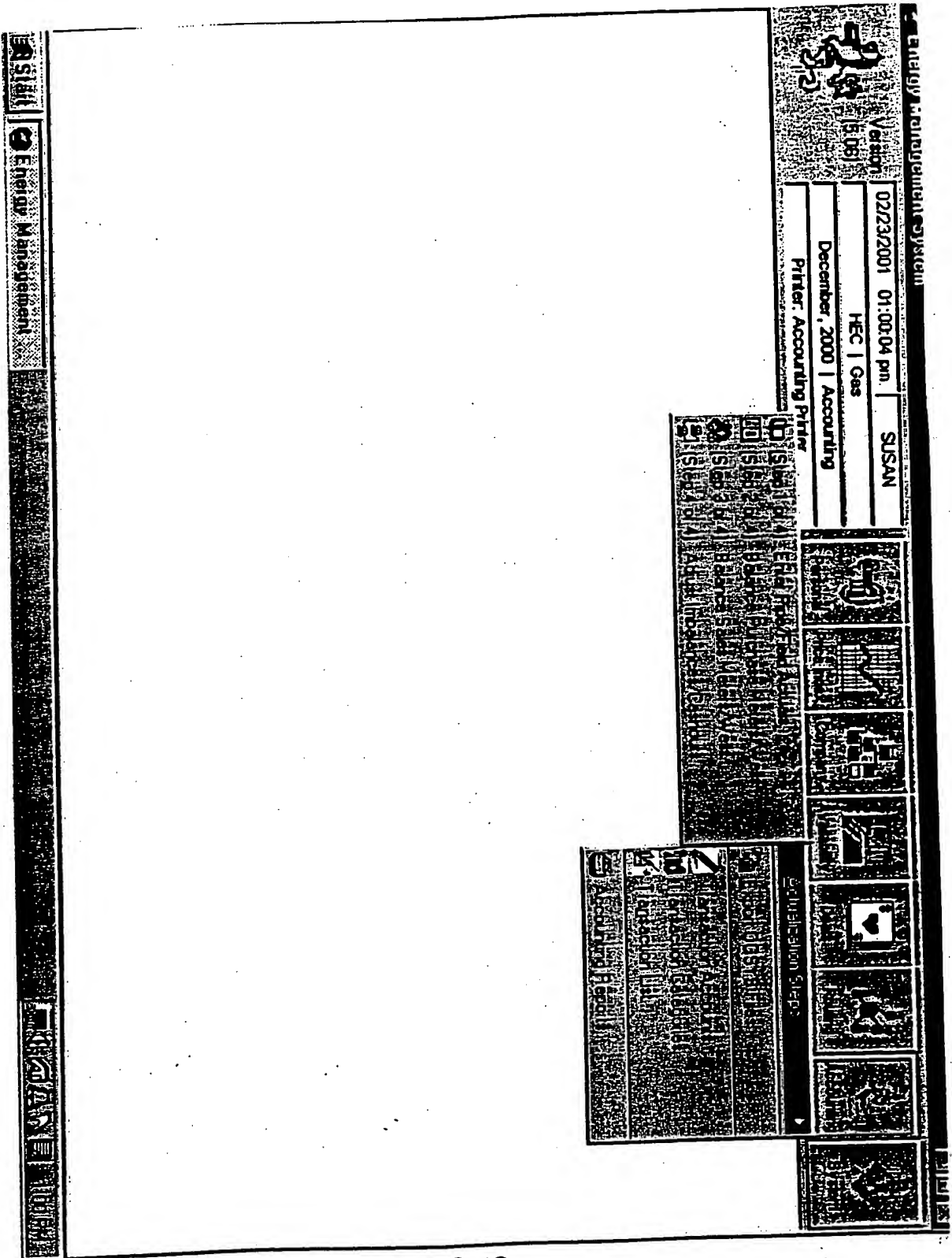


FIG. 40

09895011.123101

095001 in 12301

FIG. 4P

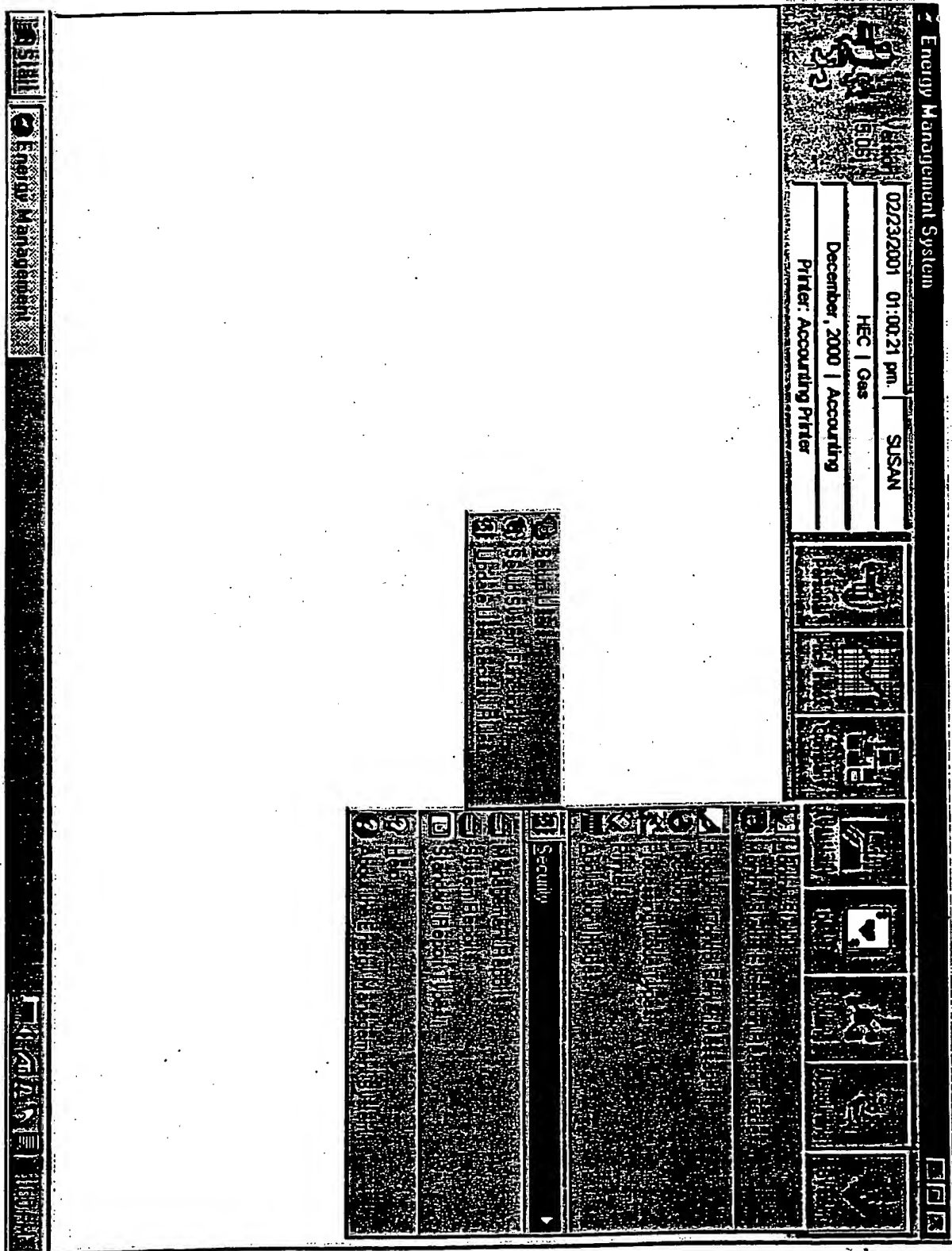


FIG. 4Q

09895011.1 123101

WASP Calculation Diagram

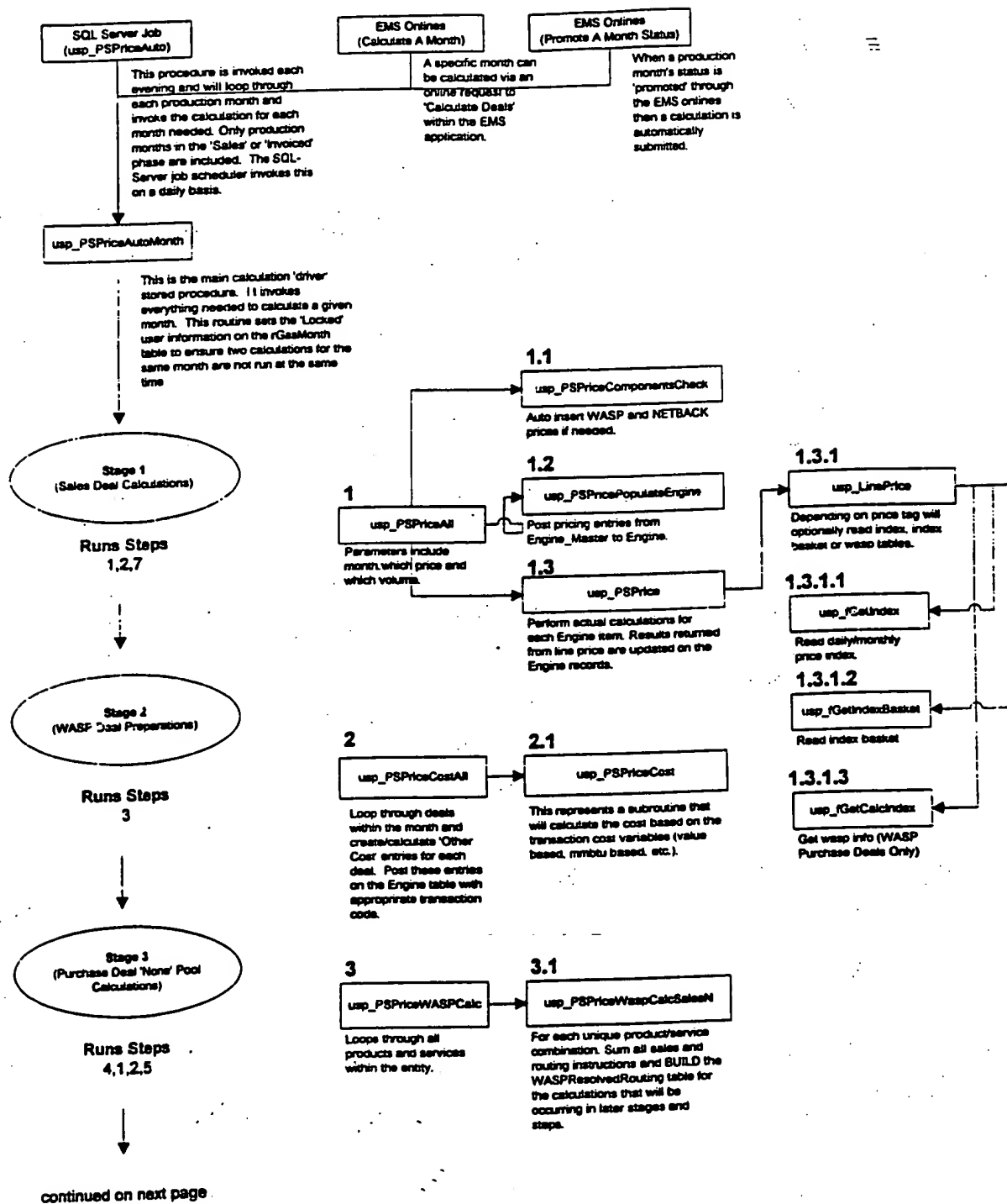
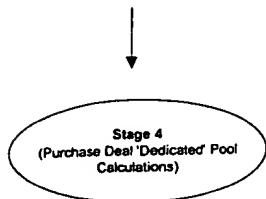


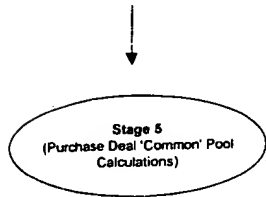
FIG. 5A

WASP Calculation Diagram (2 of 2)

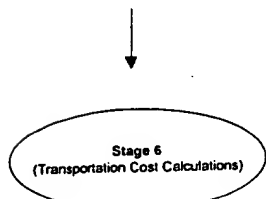
continued from previous page



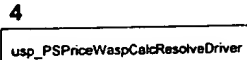
Runs Steps
4,1,2



Runs Steps
4,1,2



Runs Steps
6



This procedure will loop through each product and service and invoke the resolve routines for each unique combination.

4.1

This procedure invokes the iterative process which loops back from all the sales points to originating purchase points.

4.1.1

HIGHLY ITERATIVE process that attempts to track all sales meters back to original purchase meters. The WASPResolvedRouting table is the primary table utilized here.

5

usp_PSPPriceWASPDiveOutProceedsN

Move any of the financial proceeds that were overridden to their respective deal OR WASP meters. This takes the profit or (loss) and makes the adjustments. Only 3rd party deals can have their proceeds 'divided'. The primary table updated through this process is the WASPResolvedRouting table.

6

usp_PSPPriceTransportAll

This routine will create all of the Gastiv 'PriceType=3' inventory records and associated Engine (calculated) results. These system generated transport costs include transport, gathering, fuel and pwr.

7

usp_PSPPriceAnyNewInvoicesNeeded

This routine only gets executed if the production month status is set to 'Invoiced'. This routine will ensure that an invoice number gets assigned if no number currently exists (for new sales entries introduced during the actualization phase).

FIG. 5B